Amendments to the Specification

At specification page 1, before the paragraph beginning with "[t]his is a nationalization of," insert the following heading:

CROSS-REFERENCE TO RELATED APPLICATION

At specification page 1, before the paragraph beginning with "[t]his invention relates to," insert the following headings:

BACKGROUND OF THE INVENTION

1.   Field of Invention

At specification page 2, before the paragraph beginning with "[u]ltrasonic transit time measurements," insert the following heading:

2.   Description of the Prior Art

At specification page 3, before the paragraph beginning with "[e]xisting electronic control circuits," insert the following heading:

SUMMARY OF THE INVENTION

At specification page 5, before the paragraph beginning with "[a]dditional details and advantages," insert the following heading:

BRIEF DESCRIPTION OF THE DRAWINGS

At specification page 5, before the paragraph beginning with "Fig. 1 shows," insert the following heading and paragraph:

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

Further scope of applicability of the present invention will become apparent from the detailed description given hereinafter. However, it should be understood that the detailed description and specific examples, while indicating preferred embodiments of the invention, are given by way of illustration only, since various changes and modifications within the spirit and scope of the invention will become apparent to those skilled in the art from this detailed description.

At specification page 12, after the last line, insert the following paragraph:

The invention being thus described, it will be apparent that the same may be varied in many ways. Such variations are not to be regarded as a departure from the spirit and scope of the invention, and all such modifications as would be recognized by one skilled in the art are intended to be included within the scope of the following claims.

At specification page 13 (i.e., the first claims page), replace the heading with the following replacement heading:

~~CLAIMS~~ WHAT IS CLAIMED IS: